

SHAFT ENCODER

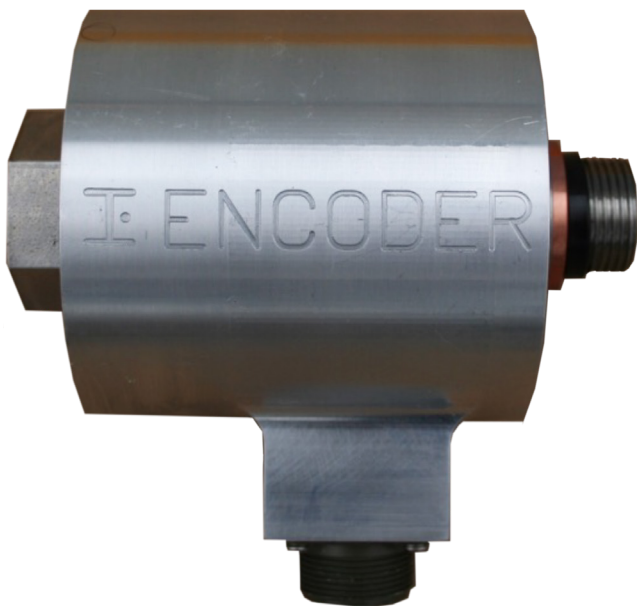
Matherne Instrumentation's heavy duty shaft encoders provide information on position, count, and speed, and can withstand the extreme operating conditions of the rig floor. It is designed for use with the Matherne Instrumentation I-Stop electronic crown protector system and can be used with some other manufacturer's electronic crown protector systems as well.

Features:

- Rugged aluminum housing and stainless steel shaft
- Multiple shaft sizes available (5/8"-18 UNF thread to mate to an Eaton B2 or B3 rotor seal or 1"-14 UNS thread to mate to an Eaton C or C2 rotor seal)
- High quality connectors and cable assemblies selected to optimize encoder performance
- Wide range of shaft couplings and adapters available to match your exact requirements
- Repair/rebuild services available at your closest Matherne Instrumentation repair facility

Specifications:

- Format: Two channel quadrature (AB)
- Phase Sense: A leads B for CCW shaft rotation
- Resolution: 1 to 2000 PPR
- Rotation Maximum: 1000 RPM
- Input Power: 9 VDC to 28 VDC
- Mating Connector: Seven socket female Amphenol connector
- Shaft: Convertible Shaft Size
- Temperature: -40° to 80°C operating, -40° to 100°C storage



Shaft Encoder



Electronic Crown Protector I-Stop Model System